NOAA/DOI Marine Protected Areas Inventory
Project Database/Table Definitions

DRAFT 6/22/01

1. Inventory.fp5 - Master table with various data fields that have a one-to-one relation to the site.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Site_Name	name of the protected or managed site	text	Florida Keys National Marine Sanctuary
3	Contact_First_Name	primary data contact first name	text	Jane
4	Contact_Last_Name	primary data contact last name	text	Doe
5	Contact_ID	unique code for data contact	calculation	DoeJane
6	Site_Type	programmatic type of site	text	National Marine Sanctuary, National Park System
7	Gov_Level	level of government of the managing entity	text	Federal, Federal/State Partnership, State, Local, Tribal
8	Site_Purpose	why site was set aside for management/protection	text	The sanctuary was established to promote…
9	Descript_Location_Features	approximate location, general land/seascape features	text	The Keys are located on the southern tip of the…
10	Descript_Prominent_Features	prominent and noteworthy features	text	The Florida Keys marine ecosystem supports one of…
11	Descript_Unique_Features	unique features and attributes	text	North America's only living coral barrier reef and the…
12	Oceans	indicates if there are oceanic waters	text	1, null
13	Bays_Estuaries	indicates if there are bay or estuarine waters	text	1, null
14	Intertidal	indicates if there are intertidal waters	text	1, null
15	Great_Lakes	indicates if the site is part of the Great Lakes	text	1, null
16	Other_Marine	indicates other type of marine waters	text	
17	Primary_URL	Web address providing information about site	text	http://www.nps.gov/caco/index.htm
18	Boundary_Description	textual information describing major boundary points	text	The sanctuary extends 220 miles in a northeast to…
19	Boundary_Citation	citatation to legal authority text specifying boundaries	text	15 CFR 922.161
20	Site_GIS	indicates if there is a GIS for the site	text	Yes, No
21	GIS_First_Name	GIS data contact first name	text	John
22	GIS_Last_Name	GIS data contact last name	text	Doe
23	GIS_Contact_ID	unique code for GIS contact	calculation	DoeJohn
24	Site_Map	gif, tif, or jpg map image of site	container	
25	Map_In_Mail	indicates if paper map was mailed to inventory team	text	Yes, No
26	Site_Overlap	indicates overlap or abutment with other sites	text	Yes, No
27	Overlap_List	listing of sites that overlap	text	site C, site F, site Y….
28	Abut_List	listing of sites that abut	text	site Z, site B…
29	Water_Col_Auth	indicates if site authority includes bottom	text	Yes, No
30	State_1	nearest state, territory or protectorate	text	DE
31	State_2	nearest state, territory or protectorate, if applicable	text	MD
32	State_3	nearest state, territory or protectorate, if applicable	text	VA
33	Marine_Area	water surface area of marine component in square miles	numeric	6,700
34	Marine_Area_Source	data source for marine surface area	text	NOAA nautical chart # 12363
35	Marine_Area_Mapscale	scale of map used to determine surface area	text	1:40,000
36	Marine_Area_Unknown	indicates if marine area is unknown	text	1, null
37	Land_Area	land area of the site, if any, in square miles	numeric	2,754
38	Land_Area_Source	data source for land area	text	USGS Quad
39	Land_Area_Mapscale	scale of map used to determine area	text	1:24,000
40	Land_Area_Unknown	indicates if land area is unknown	text	1, null
41	Shore_Length	linear length of shoreline, if any, in miles	numeric	293
42	Shore_Length_Source	data source for shoreline length	text	USGS Quad
43	Shore_Length_Mapscale	scale of map used to determine shoreline length	text	1:24,000
44	Offshore_Site	indicates site is completely offshore with no shoreline	text	1, null
45	Shore_Unknown	indicates if shoreline length is unknown	text	1, null
46	Establish_Date	initial establishment date of the site	date	2/25/1925
47	Establish_Date_Notes	explanatory notes about the establishment date	text	Glacier Bay National Monument Established
48	Effective_Date	effective date for marine protections	date	2/25/1925
49	YR_Round_Protection	indicates if protections are continuous throughout year	text	Yes, No
50	Site_Expire	indicates if protection of marine component will expire	text	Yes, No
51	Expire_Date	date that marine component protections will expire	date	8/15/2004
52	Renew_Mech	indicates if land area is unknown	text	Yes, No
53	Renew_Mech_Summary	indicates if there is a renewall mechanism for expirations	text	1, null
54	MGMT_Agency_1	name of the primary managing agency	text	National Oceanic and Atmospheric Administration
55	MGMT_Office_1	name of the office level of primary managing agency	text	National Ocean Service, Office of Ocean and Coastal..
56	MGMT_Agency_2	name of second or co-managing agency	text	Florida Department of Environmental Protection
57	MGMT_Office_2	name of office level of second or co-managing agency	text	
58	MGMT_Agency_3	name of third agency involved in site management	text	Florida Fish and Wildlife Conservation Commission
59	MGMT_Office_3	name of office level of third management agency	text	

1. Inventory.fp5 Table (continued)

	field name	field description	field type	example(s)
60	Law_Enforcement_Agencies	names of agencies enforcing laws/regulations in field	text	Maryland Department of Natural Resources
61	Network	indicates if site is part of formal protected areas network	text	Yes, No
62	Network_sites	sites that are part of network	text	site a, site c, site f
63	Network_Sites_Describe	description of the nature of network	text	This network of protected areas was designed to…
64	Connection	describes connection in ecological functioning of other sites	text	Yes, No
65	Connection_sites	list ofecologically connected sites	text	site d, site f, site h
66	Comprehensive_Plan	indicates if comprehensive plan has been developed	text	Yes, No
67	Comprehensive_Plan_Comment	explanatory comments about plan development	text	The individual programs and plans are currently…
68	Site_Photo	digital photograph image of part of the site	container	
69	Site_Photo_Caption	caption for the site digital photograph	text	The Florida Keys National Marine Sanctuary contains…
70	Site_Zones	Indicates types of management zones within site	text	1, 2, 3
71	Additional_Info			
72	Creation_Date	date record was created	date	5/22/2001
73	Modification_Date	date of last modification to record	date	5/28/2001

2. Issues_Concerns.fp5 - Table containing information on activities and issues of concern for each site.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Threat	threats of concern to site managers	text	coral damage, vessel traffic, recreational use impacts…
3	Creation_Date	date record was created	date	5/22/2001
4	Modification_Date	date of last modification to record	date	5/28/2001

3. Authority.fp5 - Table containing information on legal authorities pertaining to sites.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Authority_Name	common name of the legal authority, if any	text	Public Law 101-605 (H.R. 5909)
3	Authority_Type	establishing authority, additional authority, regulations	text	1, 2, 3
4	Authority_Citation	formal reference to the legal authority	text	16 USC 668dd, 50 CFR 1 to 199
5	Authority_Summary	brief summary of the legal authority or regulations	text	The area described in subsection (b) is designated…
6	Authority_URL	Web site address where complete text can be downloaded	text	http://www4.law.cornell.edu/uscode/16/410gg.html
7	Creation_Date	date record was created	date	5/22/2001
8	Modification_Date	date of last modification to record	date	5/28/2001

4. Prog_Plans.fp5 - Table containing information on management programs and plans.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Program_Type	indicates the type of program or plan	text	Education Programs Monitoring Programs
3	Comments	clarifying comments about noted programs or plans	text	The education programs plan is currently in revision, …
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

5. Sig_Dates.fp5 - Table containing information on significant dates in the evolution of the site.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Date	date of the event	text	7/1/2001
3	Explanation	explanation of the relevance of the date	text	Sanctuary-specific regulations became effective.
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

6. Mgmt_Effectiveness.fp5 - Table containing information methods used to determine effectiveness at meeting site management objectives.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Mgmt_measure	type of method	text	Monitoring environmental indicators
3	Mgmt_measure_comment	comments about the method	text	
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

7. Zn_Main.fp5 - Table containing management zone specific information.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Zone_ID	unique ID for each zone in the database (Site_ID+ZONE_ID2)	text	NMS1ZONE4, FWS3ZONE8
3	Zone_ID2	identification code for each zone in a site	text	ZONE1, ZONE2, ZONE3, ZONE4
4	Zone_Name	name of the management zone	text	Overall Site Zone, Stetson Bank No Activity Zone
5	Zone_Expire	indicates if the protections for zone will expire	text	Yes, No
6	Zone_Expire_Date	date of zone expiration, if applicable	text	6/27/2004
7	Fed_Waters	indicates if zone is in federal waters	text	Yes, No
8	State_Waters	indicates if zone is in state waters	text	Yes, No
9	Terr_Waters	indicates if zone is in territorial waters	text	Yes, No
10	Multiple_States	indicates if zone falls within multiple states	text	Yes, No
11	Multiple_State_List	list of states zone falls within, if applicable	text	Maryland, Virginia
12	Zone_Surface_Area	water surface area in square statute miles	numeric	349
13	Zone_Location	general description of location within overall site	text	southeastern corner of site
14	Zone_Overlap	indicates if zone overlaps with other zones in site	text	Yes, No
15	Zone_Overlap_List	list of overlapping zones, if applicable	text	No Motorized Vehicles, No Commercial Trawling
16	Endangered_Species	indicates if any endangered species use zone	text	Yes, No
17	Endangered_Species_List	common and scientific names of each species identified	text	
18	Creation_Date	date record was created	date	5/22/2001
19	Modification_Date	date of last modification to record	date	5/28/2001

8. Zn_Purpose.fp5 - Table containing information about methods used to determine effectiveness at meeting site management objectives.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Zone_Purpose	type of purpose	text	habitat protection, fisheries management
3	Zone_Purposes_Comments	comments about the purpose noted	text	provide refuge for spawning stock
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

9. Zn_Boundaries.fp5 - Table containing information about methods used to demarcate the zone boundaries.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Zone_Boundary_Type	type of boundary demarcation	text	posted signs, brochures
3	Zone_Boundary_Comment	comments about the boundary type	text	
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

10. Zn_Cul_Rsrc.fp5 - Table containing information about zone cultural resources and protections.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Cult_Resrc_Type	type of cultural resource existing within the zone	text	identified historic shipwreck
3	Cult_Protect_Type	type of protection for the noted resource	text	targetted for protection, seasonally protected
4	Cult_Comments	comments about resource or type of resource protection	text	
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

11. Zn_Fish_Rsrc.fp5 - Table containing information about zone fishery resources and protections.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Fish_Resource	type of fishery resource existing within the zone	text	commercially important finfisheries
3	Fish_Protect_Type	type of protection for the noted resource	text	targetted for protection, seasonally protected
4	Fish_Protect_Comments	comments about the resource or type of resource protection	text	
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

12. Zn_MamBrdTrt_Rsrc.fp5 - Table containing information about zone mammal, bird, and turtle resources and protections.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Resource	type of resource existing within the zone	text	sea turtle nesting area, important bird feeding area
3	Rsrc_Protect_Type	type of protection for the noted resource	text	targetted for protection, seasonally protected
4	Rsrc_Protect_Comments	comments about the resource or type of resource protection	text	
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

13. Zn_Habitat_Rsrc.fp5 - Table containing information about zone habitat resources and protections.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Habitat_Resource	type of habitat resource existing within the zone	text	coral reefs, submerged aquatic vegetation, mud flats
3	Hab_Protect_Type	type of protection for the noted resource	text	targetted for protection, seasonally protected
4	Hab_Protect_Comments	comments about the resource or type of resource protection	text	
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

14. Zn_Geol_Rsrc.fp5 - Table containing information about zone geologic resources and protections.

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Geologic_Feature	type ofgeologic feature existing within the zone	text	rock reef, canyon, vent, sand beach
3	Geol_Protect_Type	type of protection for the noted feature	text	targetted for protection, seasonally protected
4	Geol_Protect_Comments	comments about the feature or type of feature protection	text	
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

15. Zn_Restrict.fp5 - Table containing information about zone activities and restrictions

	field name	field description	field type	example(s)
1	Zone_ID	unique ID for each zone in the table	text	NMS1ZONE4, FWS3ZONE8
2	Zone_Activity	type of activity occurring within the zone	text	commercial bottom trawling, anchoring, extractive research
3	Restriction_Type	type of restriction placed on the activity	text	allowed, not allowed, allowed with restrictions or permits
4	Restriction_Comments	comments about the activities or restrictions	text	if it would otherwise violate regulations
5	Creation_Date	date record was created	date	5/22/2001
6	Modification_Date	date of last modification to record	date	5/28/2001

16. Data_Sources.fp5 - Table containing information about sources referenced to fill in data fields.

	field name	field description	field type	example(s)
1	Site_ID	unique code identifying each site	text	NMS1, NPS1, FWS1, NMF1, NER1
2	Source_Type	type ofdata source	text	site staff, s ite expert, publication, Web site
3	Source_Type_Cite	citation for the data source	text	Joe Manager, FKNMS Management Plan
4	Creation_Date	date record was created	date	5/22/2001
5	Modification_Date	date of last modification to record	date	5/28/2001

17. Contacts.fp5 - Table containing address information about the primary site data contact.

	field name	field description	field type	example(s)
1	Contact_ID	Unique ID for primary data contact	text	DoeJane
2	NAME_FIRST	first name of primary data contact	text	Jane
3	NAME_LAST	last name of primary data contact	text	Doe
4	MIDDLE_INIT	middle initial of primary data contact	text	A.
5	ORG1	contact agency or organization	text	Office of National Marine Sanctuaries
6	ORG2	second contact agency or organization if needed	text	National Ocean Service
7	STREET1	street address of agency or organization	text	SSMC4, 9th Floor
8	STREET2	second street address of agency or organization if needed	text	1305 East West Highway
9	ROOM	room or suite number	text	11208
10	CITY	city	text	Silver Spring
11	STATE	state or territory	text	MD
12	ZIP_CODE	zip code	text	4/1/1961
13	OFFICE_PHONE	primary contact office phone number	text	301-713-1234
14	PHONE_EXTENSION	phone extension	text	123
15	FAX_NUMBER	primary contact office phone number	text	301-713-4384
16	EMAIL	email address of primary contact	text	jane.doe@noaa.gov
17	Creation_Date	date record was created	date	5/22/2001
18	Modification_Date	date of last modification to record	date	5/28/2001

18. GIS_Contacts.fp5 - Table containing address information about the site GIS contact.

	field name	field description	field type	example(s)
1	Contact_ID	Unique ID for primary data contact	text	DoeJane
2	NAME_FIRST	first name of GIS data contact	text	Jane
3	NAME_LAST	last name of GIS data contact	text	Doe
4	MIDDLE_INIT	middle initial of GIS data contact	text	A.
5	ORG1	GIS contact agency or organization	text	Office of National Marine Sanctuaries
6	ORG2	second contact agency or organization if needed	text	National Ocean Service
7	STREET1	street address of agency or organization	text	SSMC4, 9th Floor
8	STREET2	second street address of agency or organization if needed	text	1305 East West Highway
9	ROOM	room or suite number	text	11208
10	CITY	city	text	Silver Spring
11	STATE	state or territory	text	MD
12	ZIP_CODE	zip code	text	4/1/1961
13	OFFICE_PHONE	GIS contact office phone number	text	301-713-1234
14	PHONE_EXTENSION	phone extension	text	123
15	FAX_NUMBER	GIS contact office phone number	text	301-713-4384
16	EMAIL	email address of GIS contact	text	jane.doe@noaa.gov
17	Creation_Date	date record was created	date	5/22/2001
18	Modification_Date	date of last modification to record	date	5/28/2001

19. State_LU.fp5 - Table containing identification codes for each state and territory.

	field name	field description	field type	example(s)
1	State_Code	unique ID for each state and territory in the database	text	MD, WI, MP
2	State_Name	full name of the state or territory	text	Maryland, Wisconsin, Northern Mariana Islands